



TYPE

CK526AX

Excellence in Electronics

The CK526AX is a filament type pentode of subminiature construction designed for use as a power amplifier in portable and wearable equipment. The tinned flexible leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard inline subminiature sockets may be used by cutting the leads to a suitable length.

MECHANICAL DATAENVELOPE: T-2X3 GlassBASE: None (0.016" tinned flexible leads. Length: 1.5" min.
Spacing: 0.048" center-to-center)TERMINAL CONNECTIONS: (Red Dot is adjacent to Lead 1)

Lead 1 Plate

Lead 4 Control Grid

Lead 2 Screen Grid

Lead 5 Filament, Negative ♦

Lead 3 Filament, Positive ♦

MOUNTING POSITION: Any**ELECTRICAL DATA**RATINGS - ABSOLUTE MAXIMUM VALUES:

Filament Voltage (dc)

Plate Voltage

Screen Grid Voltage

Cathode Current

1.25 ± 20% volts
45 volts
45 volts
1.0 ma.

CHARACTERISTICS AND TYPICAL OPERATION:

Filament Voltage (dc)

Filament Current

Plate Voltage

Screen Grid Voltage

Control Grid Voltage

Peak AF Control Grid Voltage

Plate Current

Screen Grid Current

Transconductance

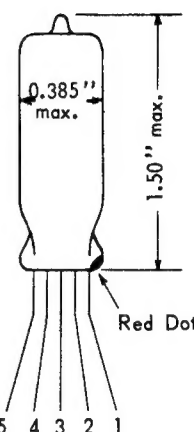
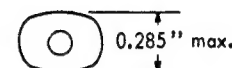
Plate Resistance

Load Resistance

Distortion (approx.)

Power Output

1.25 volts
20 ma.
22.5 volts
22.5 volts
-1.5 volts
1.5 volts
0.45 ma.
0.12 ma.
400 μ mhos
0.22 meg.
0.05 meg.
10 percent
3.75 mw.

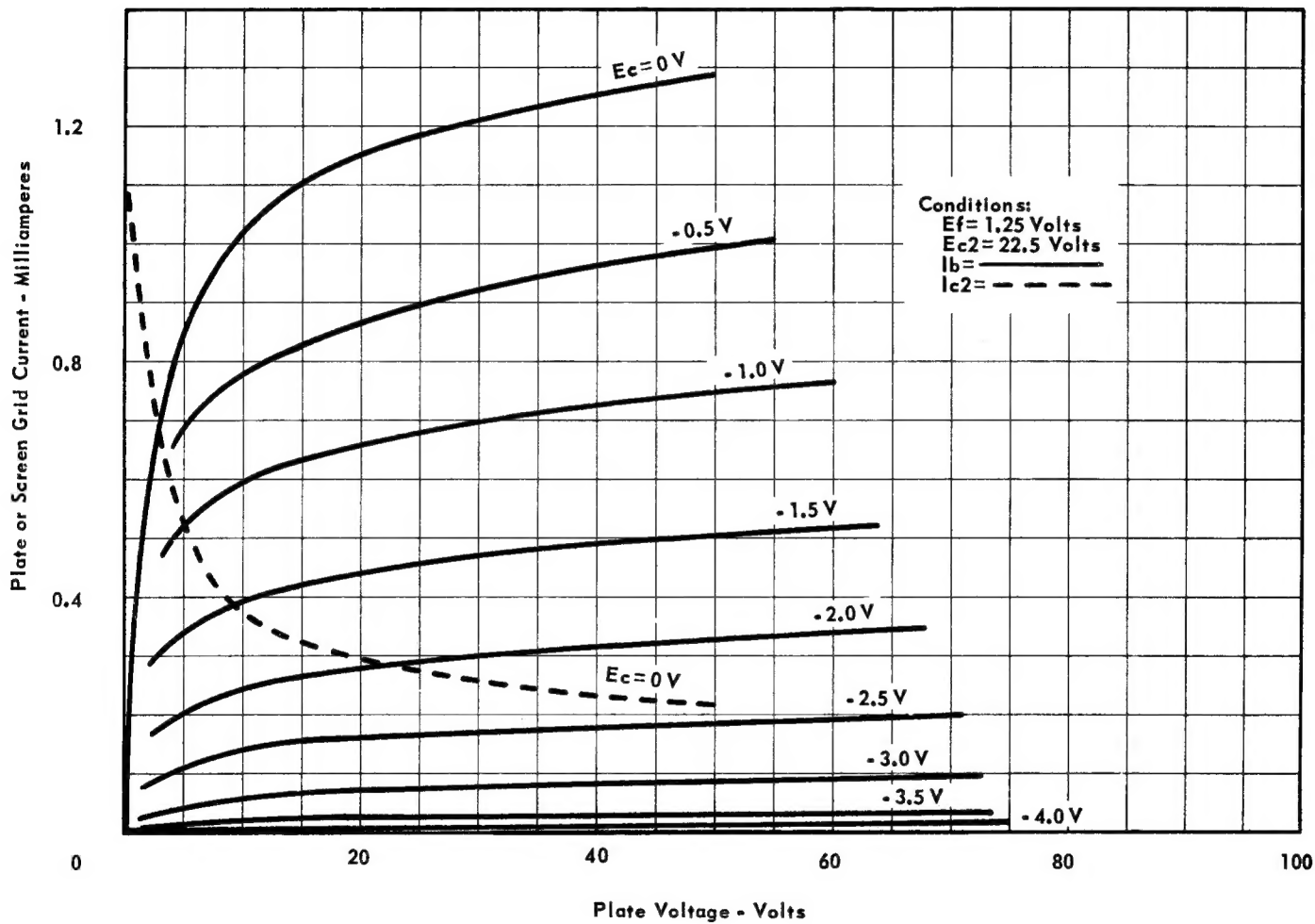


♦ Grid #3 is composed of two deflector plates, one being connected to Lead 3 and the other to Lead 5.



SUBMINIATURE PENTODE

AVERAGE PLATE CHARACTERISTICS



RAYTHEON MANUFACTURING COMPANY
RECEIVING AND CATHODE RAY TUBE OPERATIONS